

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	3
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Complete if Known

Application Number	
Filing Date	
First Named Inventor	Ronald D McCallister
Art Unit	
Examiner Name	
Attorney Docket Number	2298-020

U. S. PATENT DOCUMENTS

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/E.B./	US	5,778,029	07/07/1998	Kaufmann	
	US	6,282,247	08/28/2001	Shen	
	US	6,222,878	04/24/2001	McCallister, et al.	
	US	6,512,800	01/28/2003	Amir, et al.	
	US	2002/0193078A1	12/19/2002	Shearer, III, et al.	
	US	5,721,756	02/24/1998	Liebetreu, et al.	
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	US	5,867,065	02/02/1999	Leyendecker	
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	US	2003/0123568A1	07/03/2003	Ophir, et al.	
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/E.B./	US	2001/0005402A1	06/28/2001	Naogatani, et al.	

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature	/Emmanuel Bayard/	Date Considered	05/21/2008
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Sheet 2 of 3**U. S. PATENT DOCUMENTS**

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		Number-Kind Code ² (if known)			
/E.B./		US- 5,113,414	05/12/1992	Karam, et al.	
		US- 2002/0064236A1	05/30/2002	Matsuoka, et al.	
		US- 6,240,278	05/29/2001	Midya, et al.	
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		US- 4,902,979	02/24/1990	Puckette, IV	
		US- 5,454,007	09/26/1995	Dutta	
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		US-			
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		US-			

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	* ³
		Country Code ² -Number ⁴ -Kind Code ⁵ (if known)				

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Date Considered

05/21/2008

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First Named Inventor

Ronald D McCallister

Art Unit

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/E.B./		CAVERS, "The Effect of Quadrature Modulator and Demodulator Errors on Adaptive Digital Predistorters for Amplifier Linearization" IEEE Trans on Veh Tech, Vol46, #2, 05/97.	
/E.B./		DING & ZHOU, "Effects of Even-order Nonlinear Terms on Power Amplifier Modeling and Predistortion Linearization" IEEE Transactions on Vehicular Technology, 08/2002	
/E.B./		GRASS, BODHISATYA & MAHARATNA, "A Dual-Mode Synchronous/Asynchronous CORDIC Processor" IHP, IM Technologiepark, 2002.	
/E.B./		OHLSSON, "Studies on Implementation of Digital Filters With High Throughput and Low Power Consumption" Institute of Technology, Dept of Electrical Engineering, p 61-73, 06/03.	
/E.B./		RAICH, QIAN & ZHOU, "Digital Baseband Predistortion of Nonlinear Power Amplifiers Using Orthogonal Polynomials" Proc. ICASSP 2003, P 689-692, Hong Kong, China 04/2003.	
/E.B./		GODAVARTI "Multiple Antennas in Wireless Communications" Array Signal Processing and Channel Capacity" University of Michigan, P 16-52, 2001.	
		"Pact Application Note: Adaptive Filter Based on the LMS-Algorithm"	
/E.B./		CHOO "Mapping LMS Adaptive Filter IP Core to Multiplier-Array FPGA Architecture for High Channel-Density VOIP Line Echo Cancellation" CMP United Business Media, 2003.	
/E.B./		WIDROW, MCCOOL & BALL, "The Complex LMS Algorithm" Information Systems Laboratory, Naval Undersea Center, Fleet Engineering Dept, 08/19/1974.	

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